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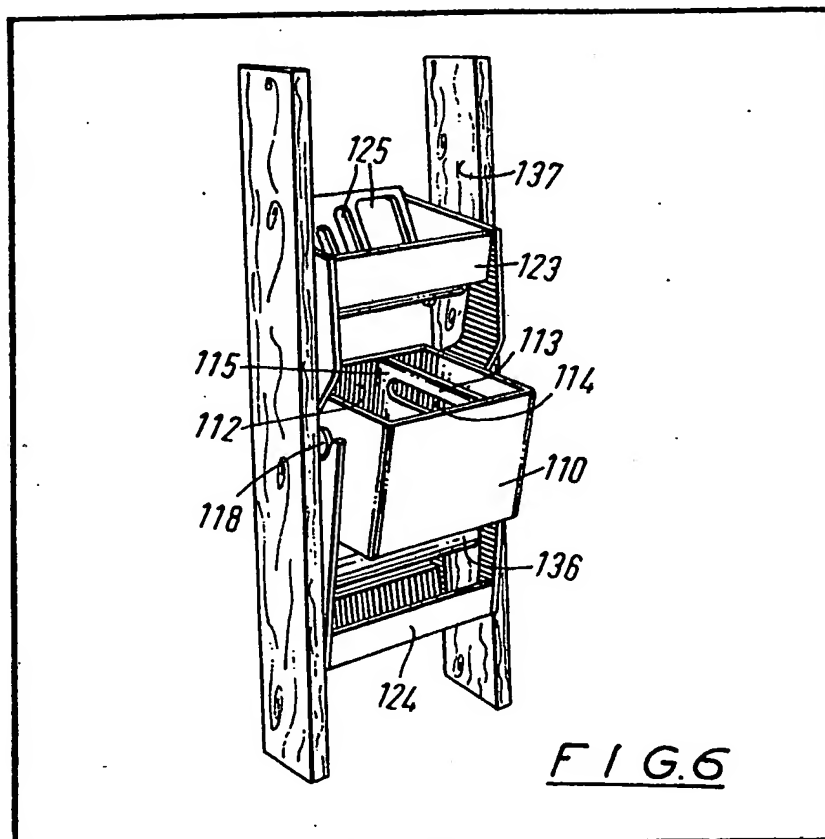
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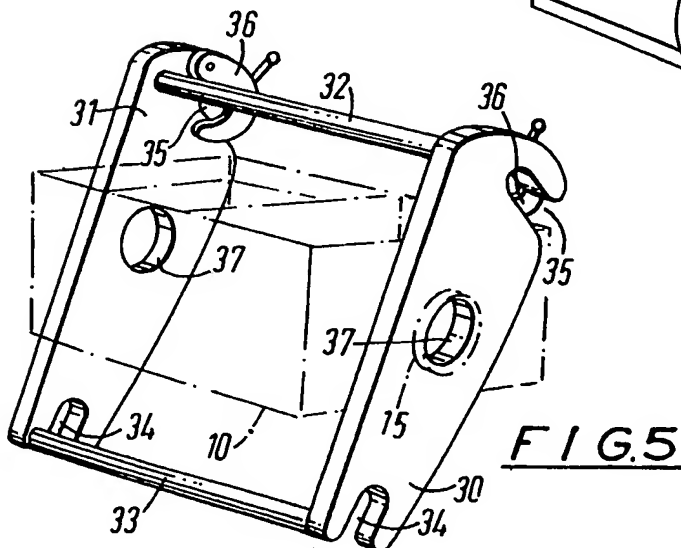
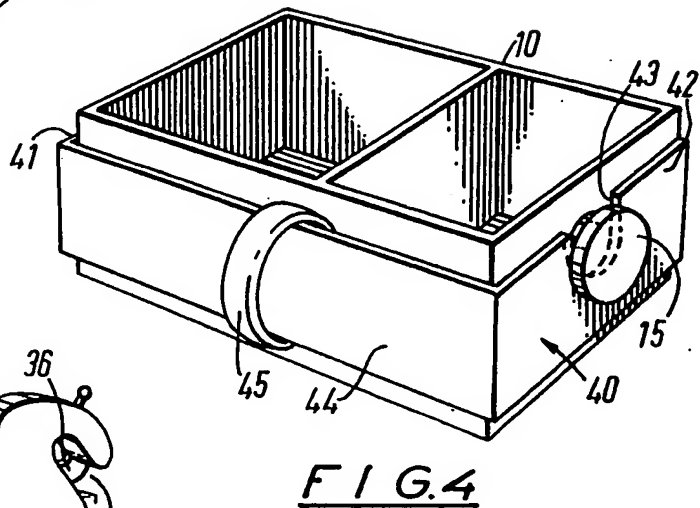
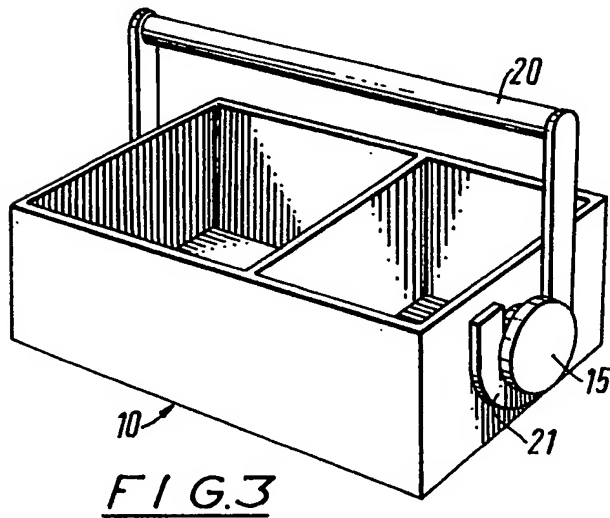
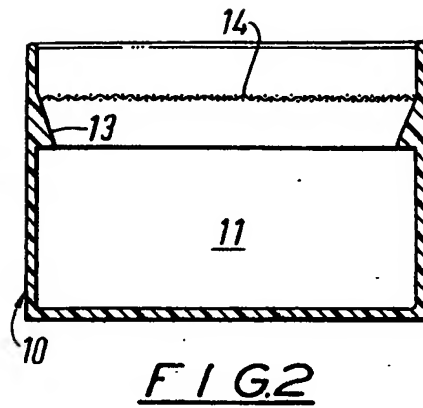
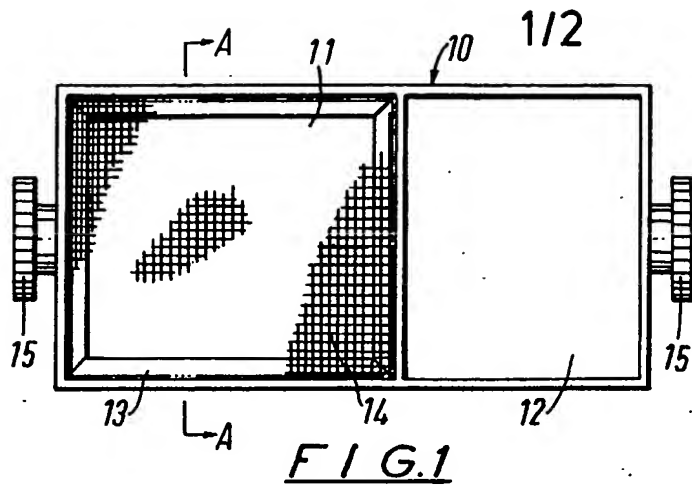
(54) **Compartmented containers for
 attachment to ladders**

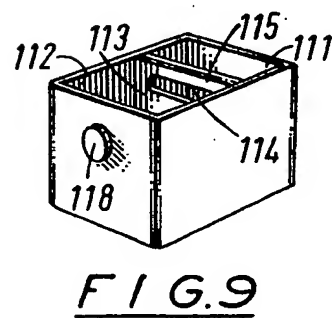
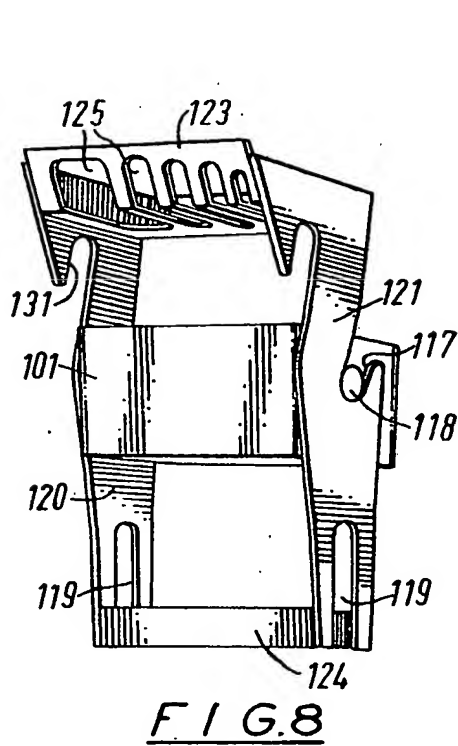
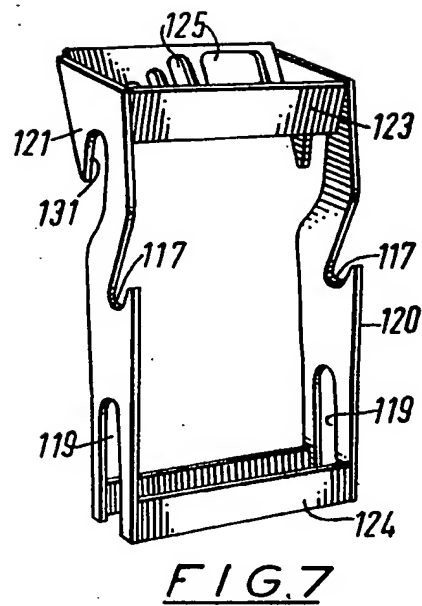
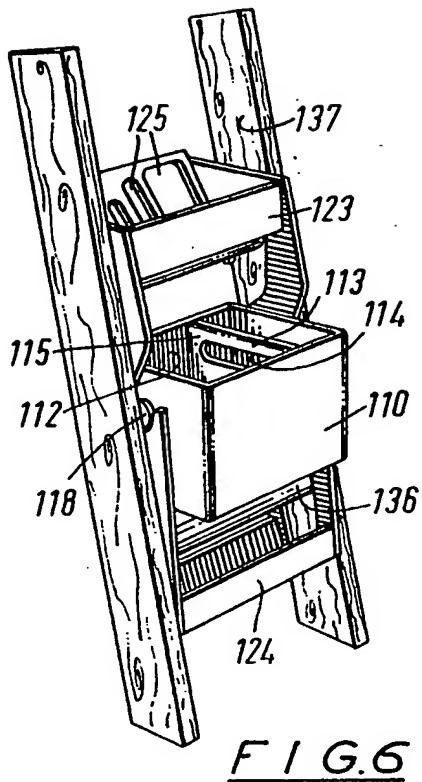
(57) A multicompartment container
 110 for decorating and general work
 has a pair of knobs 118 which
 engage recesses in side arms 120,
 121 of a ladder attachment. The side
 arms have slots therein for fitment

over rungs 136 of the ladder, and are
 spaced apart by cross members 123,
 124, the upper member 123 being in
 the form of a slotted tray. The
 container may include lips for
 supporting a mesh cover and for
 removing excess paint from a brush.
 Instead of the ladder attachment, a
 handle may be attached to the knobs
 118.



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SPECIFICATION

Tool equipment and materials holder

This invention concerns a tool, equipment or materials holder to assist in decorating and general work and is particularly concerned with such a holder for use while working up a ladder.

According to this invention there is provided apparatus to assist in decorating and general work comprising a, preferably rectangular, container having at least two compartments and attachment means for carrying or supporting means for the container.

One of the compartments can be for paint in which case it is desirable to have a lip on one or more sides of the compartment onto which excess paint can be wiped off a paintbrush to drip back into the compartment. If lips are provided on at least two opposite sides of the compartment they can support a mesh cover through which paint can be poured into the compartment without dirt particles or solidified paint entering the compartment.

The other compartment can be used for storing paint brushes and other tools which may be required.

Alternatively the container can be used for general work in which case one of the compartments can be used for carrying nails, screws and the like and the other compartment can be used for carrying the tools.

The attachment means may be a pair of knobs one at each end of the container to which for example ends of a carrying handle can be attached or coupled. If the container of the invention is to be used when work is being carried out using a ladder, a suitable ladder attachment may be provided to which the container can be attached. Such a ladder attachment may comprise a pair of side members spaced apart less than the width of a ladder by cross members, each side member having a longitudinal slot extending from its lower end into which a ladder rung can fit and an inwardly and/or upwardly directed slot near its upper end to fit a higher, usually the next or next but one ladder rung. The lower slots are preferably of sufficient length to permit fitting of the attachment to ladders of any rung separation. The upper slots may each have means for locking the ladder attachment onto the rung. The side members also have holes or slots into which the knobs of the container of the invention can fit so that the container is supported between a pair of rungs and the sides of the ladder.

Conveniently the upper cross member may be in the form of a tray for carrying tools equipment or materials. The tray may have a series of holes of various sizes for facilitating holding of some items of equipment such as electric drills or chisels.

For carrying the container of the invention for use when painting, a carrying handle may be provided which is in the form of three sides of a rectangle, the two opposite sides each having a slot in which the knobs of the container rest and

the other side of the rectangle having a handle suitable to be held by one hand.

This invention will now be further described, by way of example only with reference to the accompanying drawings in which:—

Figure 1 is a plan view of a container;

Figure 2 is section line AA of Figure 1 with a mesh cover in place;

Figure 3 shows the container with a carrying handle for general purpose work;

Figure 4 shows the container with a carrying handle for painting work;

Figure 5 shows the container with a first ladder attachment;

Figure 6 shows a container with a second form of ladder attachment;

Figures 7 and 8 are respectively front and rear perspective views of the ladder attachment of Figure 6; and

Figure 9 shows the container of Figure 6.

Referring to Figures 1 and 2, a container 10 of rectangular section has two open compartments 11, 12. Compartment 11 has near its upper edge a lip 13. A mesh cover 14 rests on the lip 13 (Figure 2). At each end of the container 10 is a knob 15 to which carrying handles can be attached or by which the container can be supported.

For general work, one compartment can be used to hold the screws, nails and the like and the other compartment can hold the necessary tools. For painting compartment 11 will be used for the paint and compartment 12 for the brushes. The paint will be poured into compartment 11 through the mesh cover 14 to prevent dirt particles or solidified paint entering the compartment. The lip 13 can be used to wipe excess paint off the brush before use.

For general purpose work the container 10 can be used with a carrying handle 20 (Figure 3) which has upturned ends 21 into which knobs 15 fit.

For painting work a carrying handle 40 (Figure 4) can be used which comprises three sides of a rectangle. Opposite sides 41, 42 have slots 43 into which the knobs 15 of the container fit and the other side 44 has a handle 45 suitable for holding with one hand.

If work is being carried out up a ladder, a ladder attachment can be used. In Figure 5 an attachment 30 has two side members 31 spaced apart by upper and lower cross members 32, 33 less than the width of the ladder so as to fit between the sides of the ladder. The lower end of each side member 31 has a longitudinal slot 34 so that the attachment fits onto a ladder rung. The upper end of each side member has a slot 35 into which fits the next higher ladder rung. A locking catch 36 is provided to retain the attachment 30 on the ladder. The side members 31 each have a hole 37 into which fit the knobs 15 of the container so that it is supported between adjacent rungs of the ladder.

Turning to Figures 6 to 9 a container 110 of rectangular section has two open compartments

111 and 112 separated by a wall 113. The wall has an elongate hole 114 parallel with its top to form a carrying handle 115.

On opposite ends of the container 110 are knobs 118 which are, in use, to rest in slots 117 in ladder attachment side arms 120, 121. The side arms 120, 121 are held spaced apart and parallel by upper cross member 123 and by lower parallel cross members 124.

The upper cross member 123 is in the form of a tray having variously sized holes 125 therein in which tools and equipment can be held depending on their size.

The ladder attachment side arms 120, 121 each have a longitudinal slot 119 extending from their lower ends for fitting onto a rung 136 of ladder 137. In the upper end of each side arm is an upwardly extending slot 131 for fitting onto a higher, usually the next but one, rung.

It will be appreciated that although the compartments of the container of this invention have been described as suitable for holding certain items, they can, of course, be used to hold any other item not already mentioned which are necessary for a particular job.

Claims

1. Apparatus to assist in decorating and general work comprising a container having at least two compartments and attachment means for carrying or supporting means for the container.

2. Apparatus as claimed in claim 1 wherein one of the compartments has a lip on one or more sides thereof.

3. Apparatus as claimed in claim 1 wherein one of the compartments has lips on a pair of

opposite sides.

4. Apparatus as claimed in claim 1, 2 or 3 wherein the attachment means is a pair of knobs one at each end of the container.

5. Apparatus as claimed in claim 4 wherein the knobs are suitable for attachment thereto of ends of a carrying handle.

6. Apparatus as claimed in claim 5 including a carrying handle.

7. Apparatus as claimed in any one of claims 1 to 6 including means for attaching the container to a ladder.

8. Apparatus as claimed in claim 7 wherein the ladder attachment means comprises a pair of side members spaced apart by cross members, which side members can be held on one or more rungs of a ladder.

9. Apparatus as claimed in claim 8 wherein each side member has a longitudinal slot wherein extending from its lower end into which slot a ladder rung can fit and an inwardly and/or upwardly directed slot near its upper end into which a higher rung can fit.

10. Apparatus as claimed in claim 7, 8 or 9 wherein the side members also have holes or slots into which knobs of the container can fit.

11. Apparatus as claimed in claim 8, 9 or 10 wherein the ladder attachment means has upper and lower cross members the upper of which is in the form of a tray.

12. Apparatus as claimed in claim 11 wherein the tray has a series of holes therein to assist accommodation of items of equipment.

13. Apparatus to assist in decorating and general work substantially as hereinbefore described with reference to and as illustrated in any of the accompanying drawings.